

10/26, 828
Date: 4-1-05

1159 optical adj2 mouse ((359/618,813-814,822-824) or 3757 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	4/1/05 8:46
2 1 and 2	US-PGPUB; USPAT; USOCR; IBM_TDB	4/1/05 8:47
256 (345/166).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	4/1/05 8:54
77 4 and transparent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	4/1/05 8:54
84 4 and (transparent or opaque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	4/1/05 8:54
234 (345/166).CCLS. ((359/618,813-814,822-824) or 2939 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	4/1/05 8:53
1 KATO-NORHIRO\$9.in.	US-PGPUB; USPAT; IBM_TDB	4/1/05 8:47
1 KATO-NORHIRO\$9.in.	US-PGPUB; USPAT;	12/17/04 11:08
29 ("5448649").URPN.	IBM_TDB	12/17/04 11:08
17 chen-dennis\$9.in.	USPAT	12/17/04 11:07
	USPAT	12/17/04 11:07
("4120585" "4525859" "4537484" "4832485" 8 "5040223" "5146102" "5224174" "5289253").PN. (((light or illumination) with source) or laser or diode) same (split\$5 or beam\$2split\$5 or light\$2split\$5) same (photo\$2diode or detect\$5 or sens\$5) same	US-PGPUB; USPAT; USOCR	12/17/04 10:28
281 imag\$5 same transparent	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:44
1 S119 and S132	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:44
((light or illumination) with source) or laser or diode same (split\$5 or beam\$2split\$5 or light\$2split\$5)	US-PGPUB; USPAT;	
22845 same (photo\$2diode or detect\$5 or sens\$5)	IBM_TDB	12/17/04 7:43
17 ("4626920").URPN.	USPAT	12/17/04 7:39
6 ("4878122").URPN.	USPAT	12/17/04 7:39
("4441791" "4626920" "4857978" "5170283" "5258775" "5311360" "5459610" "5661592" "5677783" "5808797" "5822110" "5841579" "5844711" "5982553" "6084626" "6088102" 18 "6215579" "6307663").PN.	US-PGPUB; USPAT; USOCR	12/17/04 7:38

8 ("4868668" "5386253" "5982553" "6052166" 8 "6307663" "6384959" "6411425" "6476848").PN.	US-PGPUB; USPAT; USOCR	12/17/04 7:36
(((light or illumination) with source) or laser or diode with (split\$5 or beam\$2split\$5 or light\$2split\$5) with 1403 (photo\$2diode or detect\$5 or sens\$5) same imag\$5	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:35
8 S119 and S126	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:35
(((light or illumination) with source) or laser or diode with (split\$5 or beam\$2split\$5 or light\$2split\$5) with 9638 (photo\$2diode or detect\$5 or sens\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:34
0 S123 and (image with retriev\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:34
76 S123 and (imag\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:34
85 S118 and S121	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:33
195 S118 and S120	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:33
2019 ((359/618,813-814) or (369/44.15,44.16)).CCLS. ((359/618,813-814) or (369/44.15,44.16) or (382/126) 2348 or (345/166)).CCLS. ((359/618,813-814,822-824) or 3683 (369/44.15,44.16)).CCLS. ((359/618,813-814,822-824) or 2939 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/17/04 7:29
2 ("4560457" "5396061").PN. ("3205774" "4422169" "5612826" "6108292" 6 "6270696").PN. 5 ("6108292").URPN.	US-PGPUB; USPAT; USOCR USPAT	12/15/04 11:07
72 martinez-joseph\$9.xa.	US-PGPUB; USPAT; IBM_TDB	12/15/04 11:07
9 S112 and (objective with lens)	US-PGPUB; USPAT; IBM_TDB	12/15/04 10:57
21 S110 and split\$5	US-PGPUB; USPAT; IBM_TDB	12/15/04 10:56
196 S107 and OPTICAL	US-PGPUB; USPAT; IBM_TDB	12/15/04 7:00
8 S107 and (beam adj split\$4)	US-PGPUB; USPAT; IBM_TDB	12/15/04 6:59
1 S108 AND "2673"	US-PGPUB; USPAT; IBM_TDB	12/15/04 6:58
0 S104 and (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 17:00
2 S104 and (beam with split\$5)	US-PGPUB; USPAT; IBM_TDB	12/14/04 17:00

35 (optical adj2 mouse) and (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:59
76 (optical adj2 mouse).ti.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:59
1 (optical adj2 mouse) same (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
1 (optical adj2 mouse) same splitter	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
0 S101 not S100	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
69 (optical adj2 point\$5) same (beam with splitter) (optical wadj2 mouse) and (image with retriev\$5) and	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
582 (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:57
(optical adj2 mouse) and (image with retriev\$5) and	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:57
0 (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:57
(optical with mouse) and (image with retriev\$5) and	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:56
18 (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:55
(optical with mouse) and (image with retriev\$5 with	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:55
0 method) and (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:55
243 (optical with mouse) and (image with retriev\$5) (optical with mouse) and (image with retriev\$5 with	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:55
44 method)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:54
3453 (optical with mouse)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:53
243 (optical with mouse) and (image with retriev\$5)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:53
30 S89 and "359"/\$.ccls.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:27
76 werner-brian.xp.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:27
71 S86 and splitter	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:24
0 S86 and (optical with mouse)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:24
334 chang-audrey\$9.xp.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:20
1 ("6400492").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/14/04 16:19
((SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or KATO-NORHIRO\$9.in. or (TANAKA-TETSU\$9.in. and (objective adj lens)) or (KUBO-TAKESHI\$9.in. 2 and (objective adj lens))) and (slide adj base)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:31
((SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or KATO-NORHIRO\$9.in. or (TANAKA-TETSU\$9.in. and (objective adj lens)) or (KUBO-TAKESHI\$9.in. and (objective adj lens))) and (((359/618,813-814,822- 2 824) or (369/44.15,44.16)).CCLS.)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:31

	(objective adj lens) and (base and core and conductor US-PGPUB; USPAT;		
65	and electric\$5 and board)	IBM_TDB	9/14/04 15:16
	((359/618,813-814,822-824) or		
	(369/44.15,44.16)).CCLS.) and ((objective adj lens)		
	and (base and core and conductor and electric\$5 and	US-PGPUB; USPAT;	
8	board))	IBM_TDB	9/14/04 15:16
	(objective adj lens) and (base and core and conductor	US-PGPUB; USPAT;	
176	176 and electric\$5)	IBM_TDB	9/14/04 15:15
	((359/618,813-814,822-824) or	US-PGPUB; USPAT; USOCR;	
3032	(369/44.15,44.16)).CCLS.	IBM_TDB	9/14/04 14:53
	((objective adj lens) and (base and core and	US-PGPUB; USPAT;	
	conductor and electric\$5)) and (((359/618,813-	IBM_TDB	9/14/04 14:53
12	814,822-824) or (369/44.15,44.16)).CCLS.)	US-PGPUB; USPAT;	
	(objective adj lens) and (base same core same	IBM_TDB	9/14/04 14:52
4	4 conductor same electric\$5)	US-PGPUB; USPAT;	
	IBM_TDB	9/14/04 14:52	
58	(objective adj lens) and (slide adj base)	IBM_TDB	9/14/04 14:47
	((objective adj lens) and (slide adj base)) and core	US-PGPUB; USPAT;	
2	2 and conductor and electric\$5	IBM_TDB	9/14/04 14:47
	((objective adj lens) and (slide adj base)) not	US-PGPUB; USPAT;	
	((objective adj lens) and (slide adj base)) and core	IBM_TDB	9/14/04 14:47
56	56 and conductor and electric\$5)	US-PGPUB; USPAT;	
	6 KUBO-TAKESHI\$9.in. and (objective adj lens)	IBM_TDB	9/14/04 14:38
	3 TANAKA-TETSU\$9.in. and (objective adj lens)	US-PGPUB; USPAT;	9/14/04 14:37
	5 KUBO-TAKESHI\$9.in. and (objective adj lens)	IBM_TDB	9/14/04 14:37
11	11 SUZUKI-JUNICHI\$9.in. and (objective adj lens)	US-PGPUB; USPAT;	9/14/04 14:37
	1 KATO-NORHIRO\$9.in.	IBM_TDB	9/14/04 14:37
	4 TANAKA-TETSU\$9.in. and (objective adj lens)	US-PGPUB; USPAT;	9/14/04 14:37
	11 SUZUKI-JUNICHI\$9.in. and (objective adj lens)	IBM_TDB	9/14/04 14:36
35	35 4759005.URPN.	USPAT	5/3/04 17:24
0	0 6587284.URPN.	USPAT	5/3/04 16:40
	("5285434" "5321678" "5359459" "5561646"	USPAT	5/3/04 16:40
7	7 "5905255" "5949590" "6278669").PN.	USPAT	5/3/04 16:39
2	2 5949590.URPN.	USPAT	
	("5285434" "5321678" "5359459" "5561646"	USPAT	5/3/04 16:21
5	5 "5949590").PN.	US-PGPUB; USPAT;	
	8436 coil with board	IBM_TDB	5/3/04 16:20
	114 coil adj board	US-PGPUB; USPAT;	
	((359/618,813-814,822-824) or	IBM_TDB	5/3/04 16:20
2939	2939 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR;	
	(coil adj board) and (((359/618,813-814,822-824) or	IBM_TDB	5/3/04 16:20
6	6 (369/44.15,44.16)).CCLS.)	US-PGPUB; USPAT;	
		IBM_TDB	5/3/04 16:20

3 5870373.URPN.	USPAT	5/1/04 11:47
2 6016292.URPN.	USPAT	5/1/04 11:44
2 5768037.URPN..	USPAT	5/1/04 11:43
35 4759005.URPN.	USPAT	5/1/04 11:40
((((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet same (objective adj lens))) and (print\$4 with board 70 with coils	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB	5/1/04 11:37
6 (print\$4 adj coil adj board) with coils (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet 360 same (objective adj lens)) ((((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet same (objective adj lens))) and (print\$4 adj coil adj 4 board) ((((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet same (objective adj lens))) and (print\$4 adj coil adj 0 board) same magnet same (objective adj lens)) (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet 121 same (objective adj lens)) and (print\$4 (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((print\$6 adj coil adj 4 board) same magnet same (objective adj lens)) (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((coil adj board) same 4 magnet same (objective adj lens))	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
6 (print\$4 adj2 coil adj2 board) and (single with magnet) 0 (print\$4 adj2 coil adj2 board).ti.	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB	5/1/04 11:32
0 print\$4 adj2 circuit adj2 board adj 2coil	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:32
3 (print\$4 adj coil adj board) and (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:31
0 (print\$4 adj coil adj board) with (single adj magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:24
0 (print\$4 adj coil adj board) with (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:24
0 (print\$4 adj coil adj board) same (single with magnet) 2 5949590.URPN.	US-PGPUB; USPAT; IBM_TDB USPAT	5/1/04 11:24
0 6587284.URPN.	USPAT	5/1/04 11:22
("5285434" "5321678" "5359459" "5561646" 7 "5905255" "5949590" "6278669").PN. 2 ("5828634" "6344936").PN.	USPAT	5/1/04 11:22

("5285434" "5321678" "5359459" "5561646"			
5 "5949590").PN.	USPAT	5/1/04 11:21	
1 6344936.URPN.	USPAT	5/1/04 11:20	
1 6377407.URPN.	USPAT	4/30/04 17:22	
0 6519100.URPN.	USPAT	4/30/04 17:20	
("5627687" "5636068" "5903539" "5926327"			
6 "6317277" "6377407").PN.	USPAT	4/30/04 17:20	
4 ("4669823" "4702555" "5208703" "5566149").PN.	USPAT	4/30/04 17:20	
5 5926327.URPN.	USPAT	4/30/04 17:16	
4 ("5428589" "5446721" "5602808" "5748580").PN.	USPAT	4/30/04 17:07	
("4449213" "4653856" "4669823" "4702555"			
"4766583" "4927235" "4948230" "5046820"			
"5073883" "5144607" "5161067" "5208703"			
"5220459" "5313334" "5323378" "5428481"			
17 "5446721").PN.	USPAT	4/30/04 17:03	
10 5446721.URPN.	USPAT	4/30/04 17:01	
("5446721" "5598397" "5877904" "5905255"			
8 "5926327" "5940227" "5999501" "6163416").PN.	USPAT	4/30/04 16:59	
0 6643229.URPN.	USPAT	4/30/04 16:56	
("5043964" "5430699" "5905255" "6084834"			
6 "6181670" "6341104").PN.	USPAT	4/30/04 16:56	
5 6341104.URPN.	USPAT	4/30/04 16:49	
3 5940227.URPN.	USPAT	4/30/04 14:21	
0 5724324.URPN.	USPAT	4/30/04 14:20	
4 5218483.URPN.	USPAT	4/30/04 14:19	
(objective adj lens) same coil\$4 same (single with	US-PGPUB; USPAT;		
21 magnet)	IBM_TDB	4/30/04 14:17	
12 4482988.URPN.	USPAT	4/30/04 14:17	
2450 (objective adj lens) and coil\$4 and magnet	US-PGPUB; USPAT;		
3 ("4759005" "5177640" "5548449").PN.	IBM_TDB	4/30/04 14:16	
10 4782475.URPN.	USPAT	4/30/04 14:12	
((359/618,813-814,822-824) or	USPAT	4/30/04 10:24	
(369/44.15,44.16)).CCLS.) and ((objective adj lens)	US-PGPUB; USPAT;		
475 and coil\$4 and magnet)	IBM_TDB	4/30/04 10:23	
(((359/618,813-814,822-824) or	US-PGPUB; USPAT;		
(369/44.15,44.16)).CCLS.) and ((objective adj lens)	IBM_TDB		
30 and coil\$4 and magnet)) and north and south	US-PGPUB; USPAT;		
16 4813033.URPN.	IBM_TDB	4/30/04 10:23	
14 4507765.URPN.	USPAT	4/30/04 10:08	
USPAT	USPAT	4/30/04 10:05	
89 SUZUKI-JUNICHI\$9.in.	US-PGPUB; USPAT;		
7 5727111.URPN.	IBM_TDB	4/30/04 10:02	
USPAT	USPAT	4/30/04 10:00	
4 TANAKA-TETSU\$9.in. and lens	US-PGPUB; USPAT;		
	IBM_TDB	4/30/04 9:58	
20 KUBO-TAKESHI\$9.in.	US-PGPUB; USPAT;		
	IBM_TDB	4/30/04 9:58	

145 TANAKA-TETSU\$9.in.

US-PGPUB; USPAT;
IBM_TDB

4/30/04 9:57